AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of the claims in the application.

1. (Withdrawn) A system for stabilization of an implant in bone tissue of a human or an animal, comprising an implant and a resorbable device adapted to be placed between the implant and the bone tissue, wherein the resorbable device is of a shape suitable for insertion into a cavity formed between the implant and the bone tissue after installation of the implant, wherein the resorbable device is adapted to at least partially fill the cavity and reduce movements of the implant relative to the bone tissue, and wherein the resorbable device is adapted to be at least partially resorbed after the insertion over a predetermined period of time, thereby allowing for ingrowth of the bone tissue into the cavity.

2. (Withdrawn) The system of Claim 1, wherein the resorbable device comprises a resorbable polymer.

3. (Withdrawn – Currently Amended) The system of Claim 2, wherein the resorbable polymer ~~is~~ comprises polylactide, polyglycolide, poly-L-lactic acid, polyglactin acid, or a combination of two or more thereof.

4. (Withdrawn) The system of Claim 2, wherein the resorbable device further comprises calcium sulphate, calcium phosphate or a combination thereof.

5. (Withdrawn) The system of Claim 2, wherein the resorbable device further comprises a bioactive molecule.

6. (Withdrawn) The system of Claim 5 wherein the bioactive molecule is a growth factor or antibiotic.

7. (Withdrawn) The system of Claim 1, wherein the resorbable device is a spacer of the shape selected from the group consisting of a spherical shape, an oval shape, a

rectangular shape, a trapezoid shape, a triangular shape, a conical shape, a tube shape, a rod shape, a horseshoe shape, a U-shape, a ring shape, a toroid shape, a wedge shape, a spike shape, an elongated shape, a shape having tapered edges and a shape having non-tapered edges, and wherein the spacer is dimensioned to at least partially fill the cavity to reduce movements of the implant relative to the bone.

8. (Withdrawn) The system of Claim 1, wherein the resorbable device is adapted to stabilize a joint prosthetic implant or a component thereof inserted during a joint replacement surgery.

9. (Withdrawn) The system of Claim 8, wherein the joint prosthetic implant or the component thereof is a hip implant, a knee implant, a shoulder implant, or an elbow implant, or a component thereof.

10. (Withdrawn) The system of Claim 9, wherein the joint prosthetic implant or the component thereof is inserted into an intramedullary canal of a tubular bone, and wherein the resorbable device is adapted to be inserted into the cavity formed between the tubular bone and the joint prosthetic implant or the component thereof after insertion of the prosthetic implant into the intramedullary canal.

11. (Withdrawn) The system of Claim 10, further comprising an orthopedic cable, wherein the cable is tightened around the tubular bone, thereby tightening the bone around the resorbable device and tightening the resorbable device against the joint prosthetic implant or the component thereof.

12. (Withdrawn) The system of Claim 10, further comprising an allograft bone, resorbable granules, or a combination thereof, whereby the allograft bone or the resorbable granules, or the combination thereof, are inserted into the cavity.

13. (Withdrawn) The system of Claim 10, wherein the joint replacement surgery is revision surgery.

14. (Withdrawn) The system of Claim 10, wherein the joint prosthetic implant is a hip replacement comprising a femoral stem, wherein the femoral stem is adapted to be inserted into the femoral canal, and wherein the resorbable device is adapted to be inserted into the cavity between a proximal cortex of the femur and the femoral stem.

15-23. (Cancelled)

24. (Previously Presented) A hybrid resorbable device for stabilization of an implant in bone tissue of a human or an animal, comprising at least one resorbable component selected from the group consisting of a screw, a peg, a pin, a spike, a needle and a pin and at least one non-resorbable component, wherein the at least one resorbable component is adapted to be at least partially inserted into the bone tissue, thereby reducing movements of the implant relative to the bone tissue, wherein the at least one resorbable component and the at least one non-resorbable component are attached to each other, wherein the at least one non-resorbable component is adapted to cover the at least one resorbable component upon at least partial insertion of the at least one resorbable component into the bone tissue, and wherein the at least one resorbable component is adapted to be at least partially resorbed after the at least partial insertion over a predetermined period of time, thereby allowing for ingrowth of the bone tissue into a space from which the resorbable component has been resorbed.

25. (Previously Presented) The hybrid resorbable device of Claim 24, wherein the at least one resorbable component comprises a resorbable polymer.

26. (Currently Amended) The hybrid resorbable device of Claim 25, wherein the resorbable polymer ~~is~~ comprises polylactide, polyglycolide, poly-L-lactic acid, polyglactin acid, or a combination of two or more thereof.

27. (Previously Presented) The hybrid resorbable device of Claim 25, wherein the hybrid resorbable device further comprises a bioactive molecule.

28. (Original) The hybrid resorbable device of Claim 27, wherein the bioactive molecule is a growth factor or antibiotic.

29. (Cancelled)

30. (Currently Amended) The hybrid resorbable device of Claim 24, wherein the hybrid resorbable device is a hybrid peg comprising a locking shoulder portion, and a peg portion, and wherein the at least one non-resorbable component is [[a]] the locking shoulder portion, and the at least one resorbable component is the peg portion.

31. (Currently Amended) The ~~system~~ hybrid resorbable device of Claim 24, wherein the ~~resorbable~~ device is adapted to be inserted during a joint replacement surgery.

32. (Currently Amended) The ~~system~~ hybrid resorbable device of Claim 31, wherein the ~~implant is~~ device is adapted to stabilize a prosthetic implant selected from the group consisting of a hip implant, a knee implant, a shoulder implant, or an elbow implant.

33. (Previously Presented) A prosthetic implant system, comprising:

a prosthetic implant; and

a hybrid resorbable device for stabilization of the prosthetic implant in bone tissue of a human or an animal, comprising at least one resorbable component and at least one non-resorbable component, wherein the at least one resorbable component is configured to be at least partially inserted into the bone tissue, thereby reducing movements of the implant relative to the bone tissue, wherein the at least one resorbable component and the at least one non-resorbable component are joined, and wherein the at least one non-resorbable component is configured to form a protective covering over the at least one resorbable component upon at least partial insertion of the

at least one resorbable component into the bone tissue, whereby the resorbable component is at least partially resorbed after at least partial insertion over a predetermined period of time, thereby allowing for ingrowth of the bone tissue into a space from which the resorbable component has been resorbed.

34. (Previously Presented) The prosthetic implant system of Claim 33, wherein the at least one resorbable component comprises a resorbable polymer.

35. (Currently Amended)The prosthetic implant system of Claim 34, wherein the resorbable polymer ~~is~~ comprises polylactide, polyglycolide, poly-L-lactic acid, polyglactin acid, or a combination of two or more thereof.

36. (Original) The prosthetic implant system of Claim 34, wherein the resorbable device further comprises a bioactive molecule.

37. (Original) The prosthetic implant system of Claim 36 wherein the bioactive molecule is a growth factor or antibiotic.

38. (Previously Presented) The prosthetic implant system of Claim 33, wherein the at least one resorbable component is selected from the group consisting of a screw, a peg, a pin, a needle, a spike and a fin.

39. (Previously Presented) The prosthetic implant system of Claim 33, wherein the hybrid resorbable device is adapted to be inserted during a joint replacement surgery.

40. (Currently Amended)The prosthetic implant system of Claim 39, wherein the implant is a hip implant, a knee implant, a shoulder implant, [[or]] an elbow implant, or a component thereof.

41. (Original) The prosthetic implant system of Claim 40, wherein the implant is an acetabular component of a hip implant comprising openings, and the hybrid resorbable device is inserted through the openings into the bone.

42.-51 (Cancelled)

52. (Previously Presented) The prosthetic implant system of Claim 33, wherein the hybrid resorbable device is a hybrid peg, comprising a locking shoulder portion, and a peg portion, and wherein the at least one non-resorbable component is the locking shoulder portion, and the at least one non-resorbable component is the peg portion.

53. (Withdrawn) The hybrid resorbable device of Claim 24, wherein the at least one non-resorbable component is an acetabular component of a hip implant, and the at least one resorbable component is a spike.

54. (Previously Presented) The prosthetic implant system of Claim 33, wherein the at least one resorbable component and the at least one non-resorbable component are attached to each other by molding, ultrasonic welding, or heat pressing.

55. (Previously Presented) The hybrid resorbable device of Claim 24, wherein the at least one resorbable component and the at least one non-resorbable component are joined by molding, ultrasonic welding or heat pressing.

56. (Previously Presented) The prosthetic implant system of Claim 33, wherein the at least one resorbable component and the at least one non-resorbable component are attached to each other mechanically.

57. (Previously Presented) The hybrid resorbable device of Claim 24, wherein the at least one resorbable component and the at least one non-resorbable component are joined mechanically.

58. (Withdrawn) A system for stabilization of a femoral component of a prosthetic hip, comprising the femoral component of the prosthetic hip having a femoral stem, and a resorbable spacer of a shape suitable for insertion into a cavity formed between the femoral stem and a femoral bone of a human or an animal after insertion of the femoral component into an intramedullary canal of the femoral bone, thereby at least partially filling the cavity and reducing movements of the femoral component relative to the femoral bone.

59. (Withdrawn) The system of Claim 58, wherein the cavity is located in a proximal aspect of the femur.

60. (Withdrawn) A system for stabilization of a femoral component of a prosthetic hip, comprising the femoral component of a prosthetic hip having a femoral stem, having a proximal portion and a distal portion, the distal portion dimensioned for a distal fixation, and a resorbable spacer adapted to at least partially immobilize the proximal portion of the femoral stem upon the distal fixation of the distal portion.

61. (Previously Presented) A hybrid resorbable device for stabilization of an implant, comprising at least one resorbable component selected from the group consisting of a screw, a peg, a pin, a spike, a needle and a pin and at least one non-resorbable component on an opposite side of the at least one resorbable component, wherein the at least one resorbable component and the at least one non-resorbable component are attached to each other.

62. (Withdrawn) A system for stabilization of an implant in bone tissue of a human or an animal, comprising an implant and a spacer adapted to be placed between the implant and the bone tissue, wherein the spacer is of a shape suitable for insertion into a cavity formed between the implant and the bone tissue after installation of the implant, wherein the shape is selected from the group consisting of a spherical shape, an oval shape, a rectangular shape, a trapezoid shape, a triangular shape, a conical shape, a tube shape, a rod shape, a horseshoe shape, a U-shape, a ring shape, a toroid shape, a wedge shape, a

spike shape, an elongated shape, a shape having tapered edges and a shape having non-tapered edges, wherein the spacer is dimensioned to at least partially fill the cavity and reduce movements of the implant relative to the bone tissue.